

Claim 152 (Twice Amended):

C1 Sub D3
The method according to claim 150, wherein said PCTA-1-related biallelic marker is at least one PCTA-1-related biallelic marker located at position 402, 67092, 68525, 82234, or 82393 of SEQ ID NO. 1, and any complement thereof.

Please add the following new claims:

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172. The method according to claim 152, wherein said PCTA-1-related biallelic marker is a combination of more than one PCTA-1-related biallelic marker or any complement thereof.

SUB DS
173. The method according to claim 172, wherein said combination of markers is located at positions 67092 and 68525 of SEQ ID NO. 1.

174. The method according to claim 172, wherein said combination of markers is located at positions 402, 67092, and 68525 of SEQ ID NO. 1.

175. The method according to claim 172, wherein said combination of markers is located at positions 402 and 82393 of SEQ ID NO. 1.

176. The method according to claims 172, wherein said combination of markers is located at positions 402, 67092, 68525, 82234, and 82393 of SEQ ID NO. 1.

177. The method according to claim 133, wherein said PCTA-1-related biallelic marker is at least one PCTA-1-related biallelic marker located at position 402, 67092, 68525, 82234, or 82393 of SEQ ID NO. 1, and any complement thereof.

SUB DS
178. The method according to claim 177, wherein said PCTA-1-related biallelic marker is a combination of more than one PCTA-1-related biallelic marker or any complement thereof.

SUB
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179. The method according to claim 177, wherein said combination of markers is located at positions 67092 and 68525 of SEQ ID NO. 1.

180. The method according to claim 177, wherein said combination of markers is located at positions 402, 67092, and 68525 of SEQ ID NO. 1.

181. The method according to claim 177, wherein said combination of markers is located at positions 402 and 82393 of SEQ ID NO. 1.

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182. The method according to claims 177, wherein said combination of markers is located at positions 402, 67092, 68525, 82234, and 82393 of SEQ ID NO. 1.
